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<p>92-060496/08 C06 D16          WAKUNAGA SEIYAKU KK          05.03.90-JP-051779 (+JP-269118) (09.01.92) C12n-15/40          Filamentous virus gene - which is used for culture of garlic          species resistant to mosaic virus and latent virus          C92-027309</p>	<p>Genes coding for envelope proteins from filamentous viruses          having the amino acid sequences defined in the specification,          or their precursors are new.</p> <p><u>MORE SPECIFICALLY</u>          The nucleotide sequences of the genes (8 sequences) are          also given in the specification.</p> <p><u>USE/ADVANTAGE</u>          Culture of new garlic spp. resistant against garlic mosaic          virus (GMV) and garlic latent virus (GLV), and investigation          of viral diseases is possible.</p> <p><u>PREPARATION</u>          The cloning of the genes is performed by:          (1) purification of virus from GMV-infected garlic leaves;          (2) prepn. of viral cDNA by fractionation of RNA followed          by ligation of polyA; and</p>
<p>C(4-B4A1, 4-B4A5, 11-C8E, 12-A6, 12-K4) D(5-C12, 5-H6,          5-H12)</p>	<p>(3) introduction into vector by transformation.          The process can also be performed chemically. The          resultant gene is introduced into plants. (22ppW-79C AFDwgNo          0/7)</p>

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